Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 31 Dec 2020 until 23:59 on Friday 01 Jan 2021

Forecast Issued on Wednesday 30 Dec 2020 at 12:34

Confidence: High for the cold northerly flow at first, which veers to a milder showery easterly from Sunday, but confidence lowering for the detail of timings, intensity and snow levels on worst of the weather.

Headline for Thursday 31 Dec 2020: Sunshine and wintry showers. Significant wind chill at height.

Mountain weather hazards on Thursday 31 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Light snow showers (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Light snow showers	Light snow showers (night)	Light snow showers (night)
Precipitation probability							
10%	30%	20%	10%	20%	40%	30%	30%

Forecast for Thursday 31 Dec 2020

Weather: Wintry showers between clear or weak sunny spells. Best of brightness through the morning with only a few isolated light outbreaks appearing, then showers turning more frequent from mid-morning. Snow level to most levels through bulk of day, lifting 500m late evening.

Chance of cloud free mountain/hill tops above 600m: 90% during the morning, becoming 70% from mid-afternoon, with bases lowering to 450-650m sporadically as showers push through.

Visibility: Good or very good lowering to a handful of kilometres in the wintry showers.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Thursday 31 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/12 W	7/10 W	5/9 N	6/10 N	7/11 N	6/12 N	10/15 N	10/16 N	12/18 N
300	3/9 NW	2/8 NW	4/8 N	6/11 N	6/11 N	5/11 N	6/13 N	6/13 N	8/18 N
Valley	1/4 E	2/6 N	2/6 N	2/6 NE	2/6 E	2/7 N	3/8 N	2/8 N	5/13 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-4/-9	-3/-7	-3/-6	-4/-8	-3/-6	-2/-6	-4/-9	-1/-6	-1/-6
300	-4/-7	-3/-5	-2/-4	-3/-6	-0/-4	-1/-4	-2/-6	-0/-3	1/-3
Valley	-2/-4	-1/-3	-1/-3	-2/-4	0/-2	0/-2	-1/-3	-1/-3	1/-1
Freezing Level*	00m	00m	00m	00m	100m	200m	200m	300m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Severe wind chill over summits.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 30 Dec 2020	0.2mm	2.6mm	7.6mm

Forecast for Friday 01 Jan 2021

Weather: Sunshine and occasional shower with snow level around 500m. Outbreaks dying away from the west through the afternoon, with most dry with clear skies for the evening.

Maximum wind: North or Northwest initially 15-20mph with gusts 30mph, decreasing gradually from mid-day.

Chance of cloud free mountain/hill tops above 600m: 70% becoming 95% plus from late afternoon, with bases lowering to 450-650m sporadically as showers push through.

Visibility: Good or very good lowering to a handful of kilometres in the wintry showers.

Temperature: **Valleys:** Minus 6 Celsius rising Plus 03 Celsius during the afternoon
At 600m: Zero Celsius lowering minus 3 Celsius later
Freezing level: 600m lowering to near sea level later

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